ROUTING AND RECORD SHEET

SUBJECT: (Optional)

Meeting minutes for the Artificial Intelligence Applications Working 25X1
Group.

FROM:		EXTENSION	NO.	
			DATE October 19, 1983	25X1

TO: (Officer designation, room number, and building)	DATE		OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
	RECEIVED	FORWARDED		
1. DD/A/ODP	19 OCT 1983	10/20		Attached, FYI, are minutes from the 27 September 1983 meeting of the Artificial Intelligence Applications Working Group.
2. D/ODP 21 OCT 1983				
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Information Systems Board
Artificial Intelligence Applications
Working Group

MEETING MINUTES

DATE/PLACE

27 September 1983
CIA Headquarters

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ATTENDEES

	IMS		, ORD	STAT
	ASG		, OTE	
	ODP		OC	STAT
	ORD		, OD&E	
	OTE			

BUSINESS

The meeting opened with an introduction of new attendees.

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pleased to have their participation in our discussions. Other
guests are likewise welcome at future meetings.

We briefly discussed the revisions to the AIAWG Charter. No
further changes were suggested. The Charter will be formally
presented to the Information Systems Board for approval on 17
October.

reported on our progress in establishing an
Executive Seminar on AI for the Intelligence Community. The purpose
of this course is to introduce high level officials to the concepts
and potential intelligence applications of AI technology. The
course, which is sponsored by EXRAND and the AISG, will be conducted
by Smart Systems Technology and will be presented several times over
the next few months.

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[   ]reported on plans for the next AI Symposium. It will   STAT
be held 6-8 December in the Headquarters Auditorium with hardware/
software demonstrations in the tunnel. Highlighting the list of
speakers are John McMahon, DDCI; Dave McManis, NIO/W; Bob Kahn,
DARPA; Pat Winston, MIT; Azriel Rosenfeld, University of Maryland;
and Raj Reddy, Carnegie-Mellon University. Several other
researchers, contractors, and Government personnel round out what
looks like an exciting 3-day program. Because the Symposium will be
open to all agencies in the Community, we will have to restrict
attendance by invitation only.

Next, we discussed possible activities for the Working Group.
[   ]suggested he would like to see the Group become a   STAT
sounding board for potential application plans by various
Components. Various project planners might like to try out some
ideas and solicit our feedback on how feasible AI might be as an
approach to solving specific problems. [   ]saw the Working   STAT
Group as a mechanism for communicating what's happening in AI back
to his office. In that regard, he would like to see the minutes
perhaps expand into a kind of AI newsletter. We are trying this
approach with these minutes.

[   ] then suggested that perhaps the Group could develop   STAT
some kind of Agency AI Long Range Plan concerning what is AI, what
resources do we have involved already, what is available from
outside, and what does the Agency need?   This could then lead, in
some iterative fashion, to a plan of action for meeting the Agency's
AI needs. [   ] voiced some concern for making sure that   STAT
external AI experts get involved in helping us chart the Agency's
direction in AI. In fact, a "Blue Ribbon Panel" of AI consultants
and advisors might be useful to establish.

Our guest speaker at this meeting was[   ]of ORD.   STAT
[   ] talked about one of her projects which employs AI technology.   STAT
RUBRIC, which stands for RUle Based Retrieval of Information by
Computer, is an attempt to develop a query enhancement capability
for document retrieval whereby the analyst can specify general
concepts to be searched for, rather than specific key words. In
this manner, the system can select documents which are about a
particular subject, e.g., Terrorism, but which may not have the key
word "terrorism" contained anywhere within the document. The
approach employs weighted production rules similar to those found in
expert systems which allow it to measure the likelihood that a given
document is relevant to the request. The contractor is Advanced
Information & Decision Systems and the project has been running for

2

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more than a year. Early experiments with a terrorism data base showed improvement in both precision and recall. The current application in FBIS involves searching statements by key Soviet political figures.
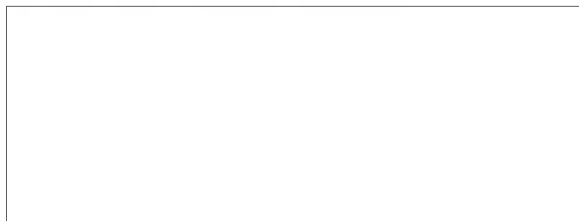

NEXT MEETING

The next meeting of the AIAWG will be on Tuesday, 25 October, at 1400 in room 7D64, the Director's Conference Room. At that meeting [ ] will present some more details on his concept of an Advanced Development Plan for AI and [ ] will describe his project with SDC in applying DADM to SOVA's LAMM data base.

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Chairman

3

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